

## **Washington State Daily Situation Weather Brief**

Wednesday, July 14, 2021

Jon Bonk – NWS IMET

*Some images courtesy NWS Spokane/Seattle*

### **Today/Tonight:**

**Red Flag Warning for Wind and Low Humidity is in effect from 1300 hrs Wednesday through 2300 hrs Thursday for much of Eastern Washington**

**NWS Heat advisory today through this evening for most of eastern Washington**

The screaming message is the Red Flag Warning for wind and low humidity today across much of eastern Washington. Western Washington will see some locally breezy winds, however, onshore flow will keep elevated humidity today and tonight.

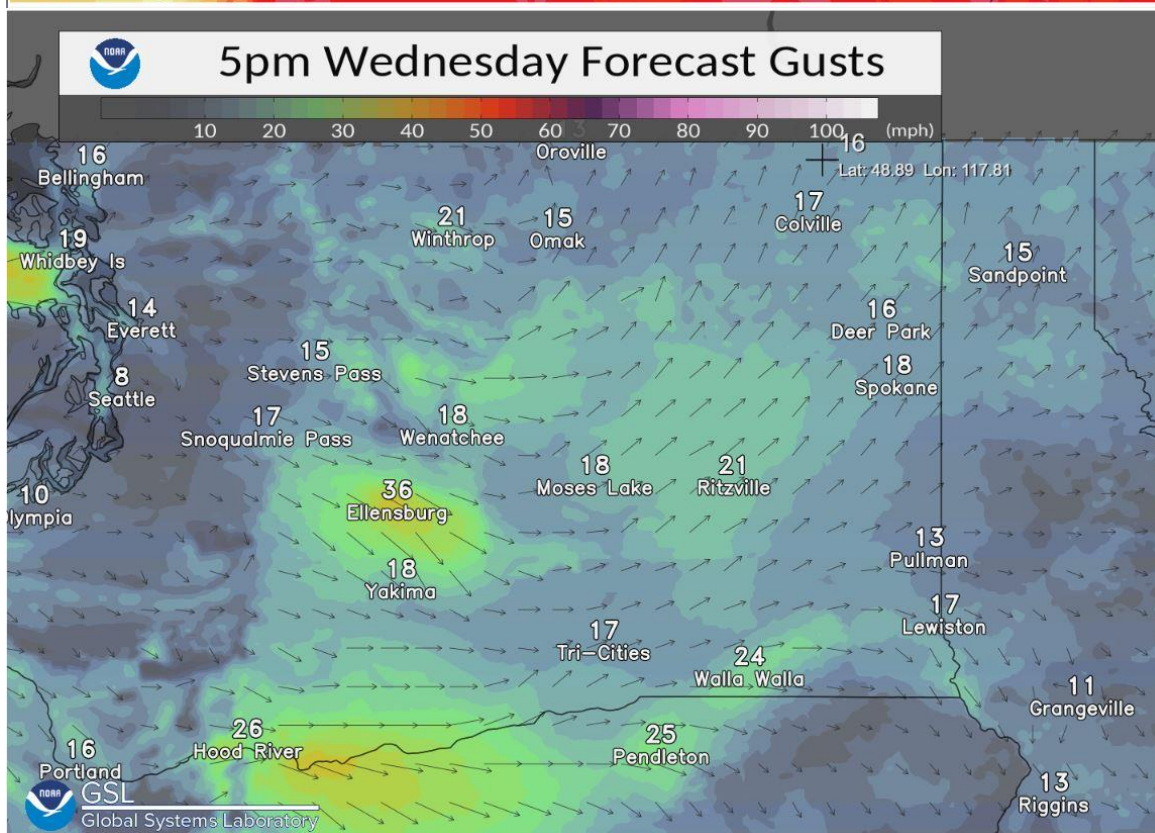
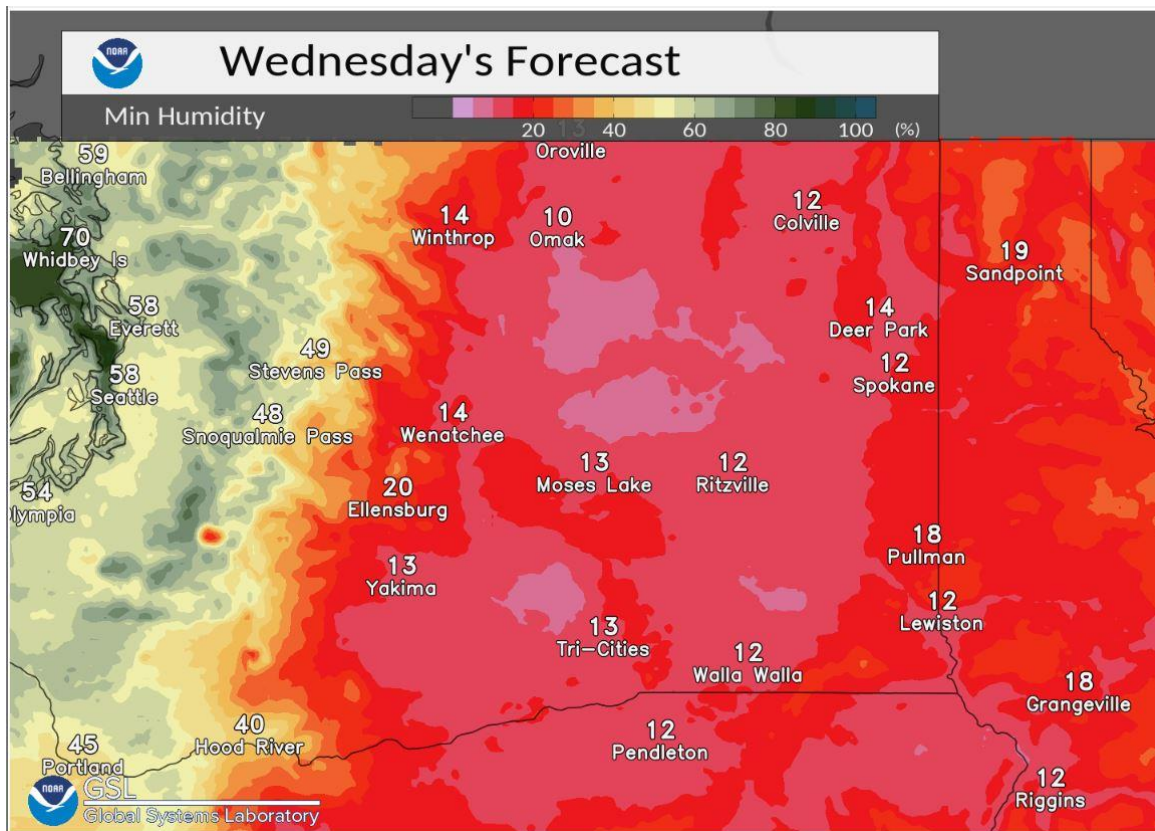
The west side marine layer has pushed up against the south Cascade crest overnight which maintained the gusty winds for most of the central and south east side valleys. There will be little to no decrease in winds today in the east slope valleys. Those winds will increase late this afternoon and peak during the evening hours. Expect the typical windiest areas will see gusts 30-40 mph. Gorge winds start peaking late this afternoon with the east slope valleys peaking closer to 2000 hours. Humidity will be very dry ranging from 10-20%.

Additionally, temperatures continue to be hot ranging from 95°-105° across the lower elevations. Even the mountains will see many elevations in the 80s. With these temperatures, also expect moderately deep surface instability with mixing potential several to 10,000+ above the terrain.

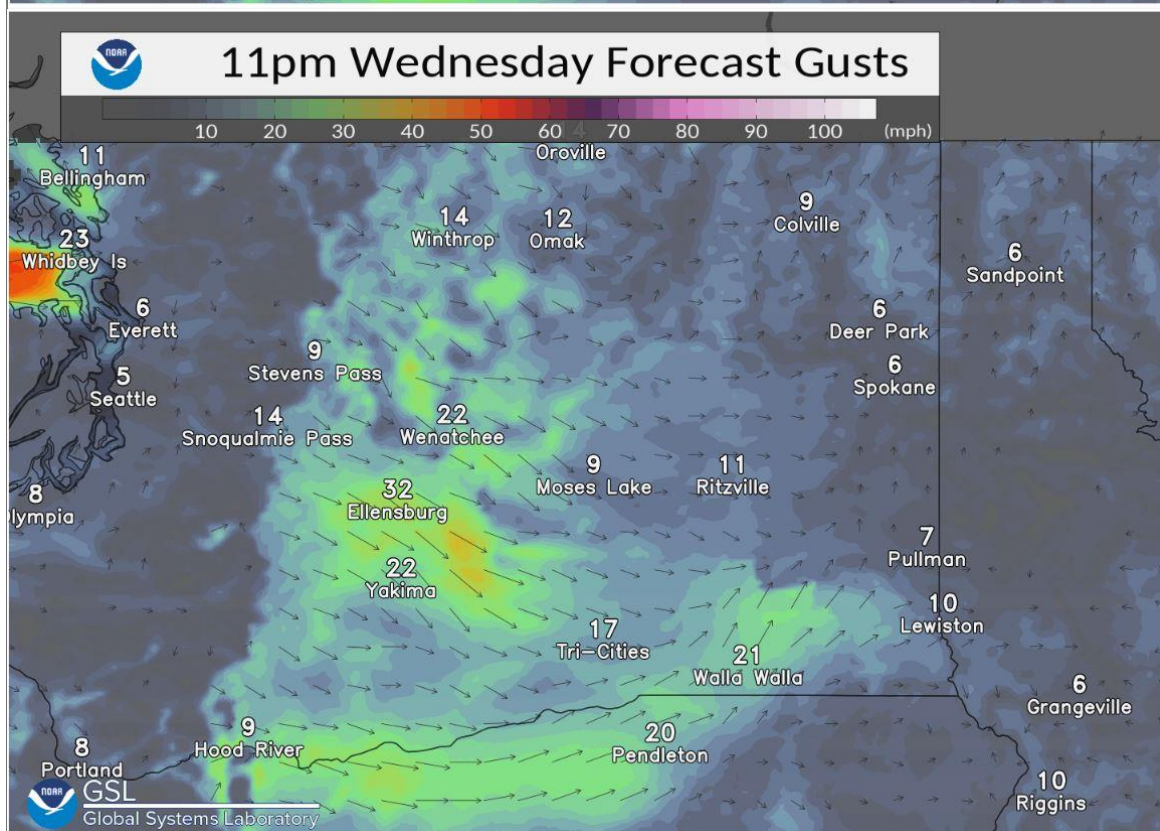
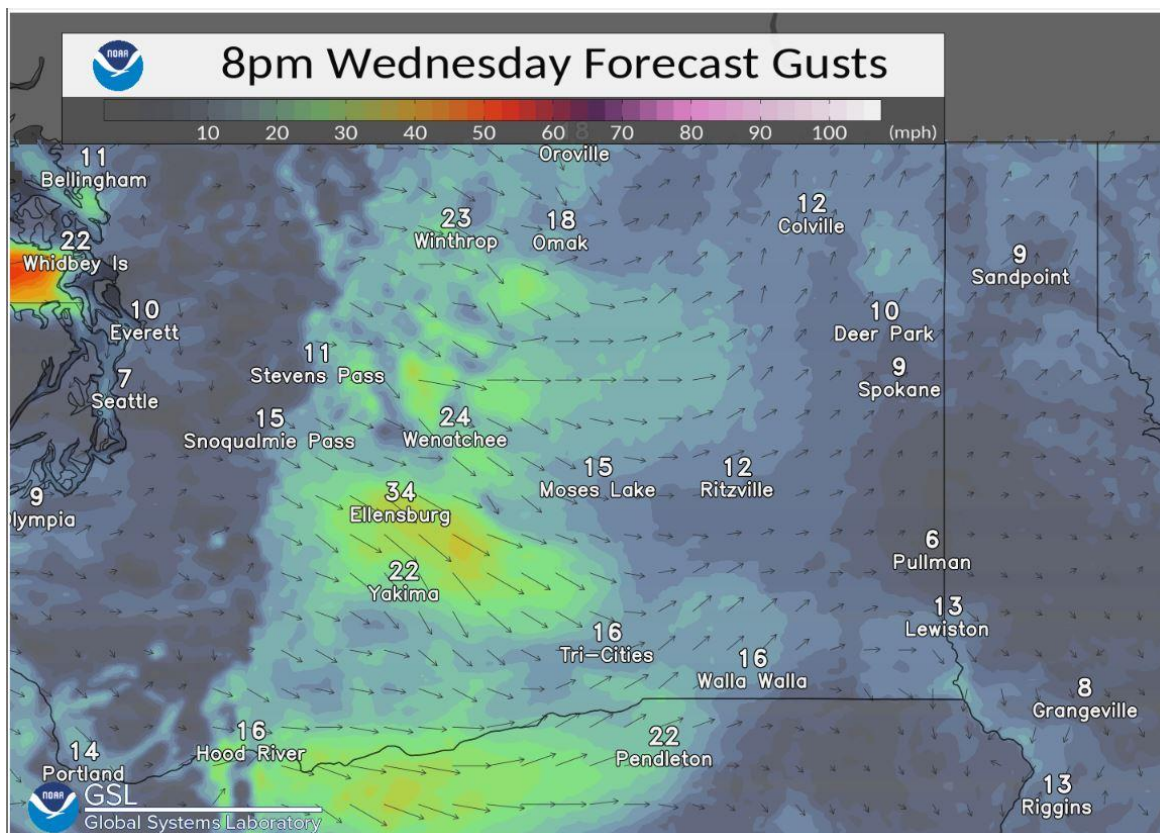
Tonight will be different in that a dry cold front will slowly cross late this evening and overnight. This primarily maintains fairly gusty winds for the east slopes along with blocking much of a humidity rise for lower basin areas away from the Columbia River. Additionally, Gorge outflow winds will increase and be forced along the Blue Mountain Foothills to affect the Walla Walla region and local upper basin areas with gusts 20-25 mph through the night.

Many areas and elevations will not rise above 50% humidity for more than a couple hours tonight, and even then, only closer to daybreak Thursday. This includes most of the east slope valleys where breezy winds continue through the night.

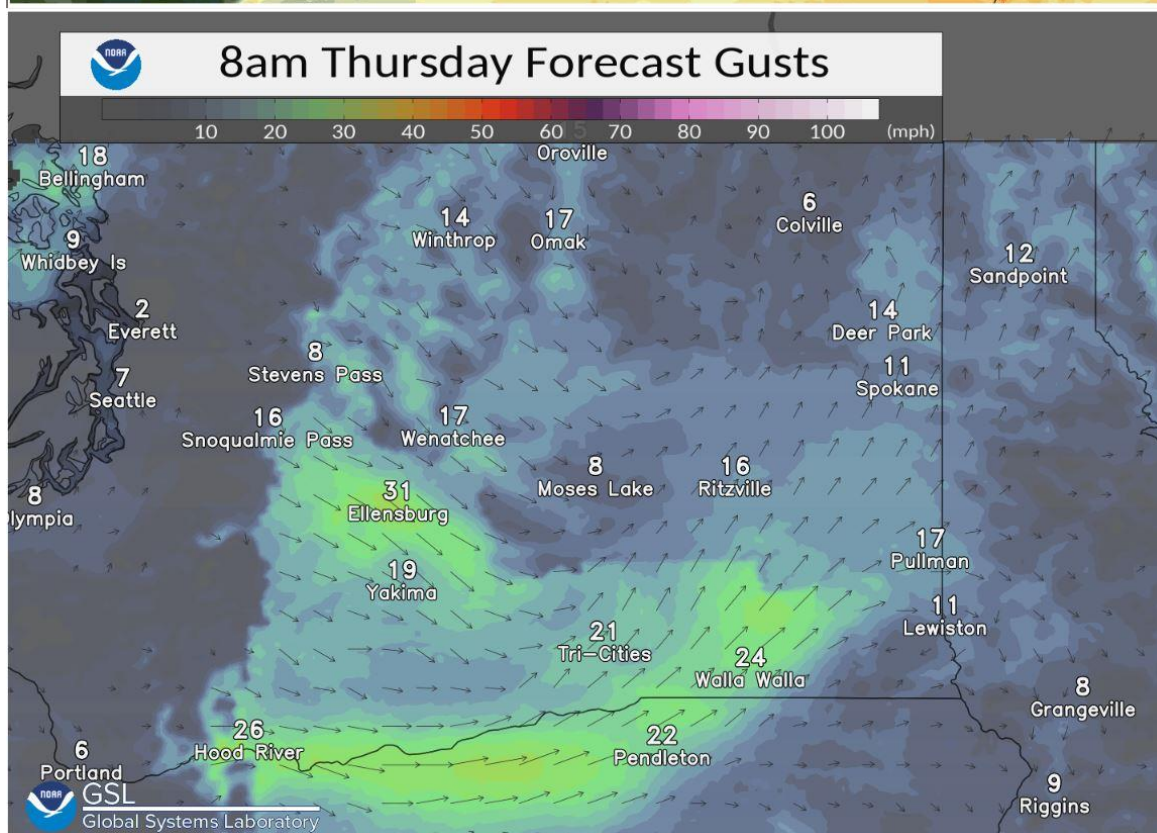
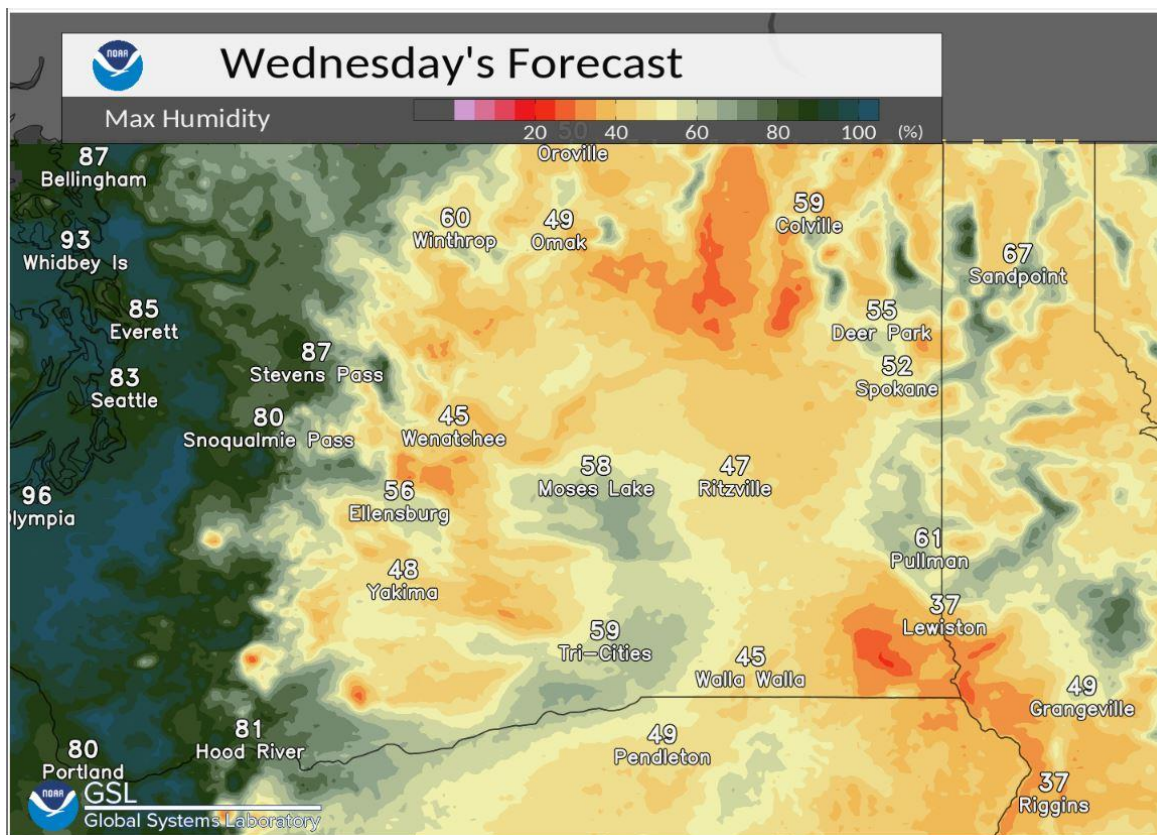
Please refer to local NWS forecasts for specific regional and local details.











## Outlook:

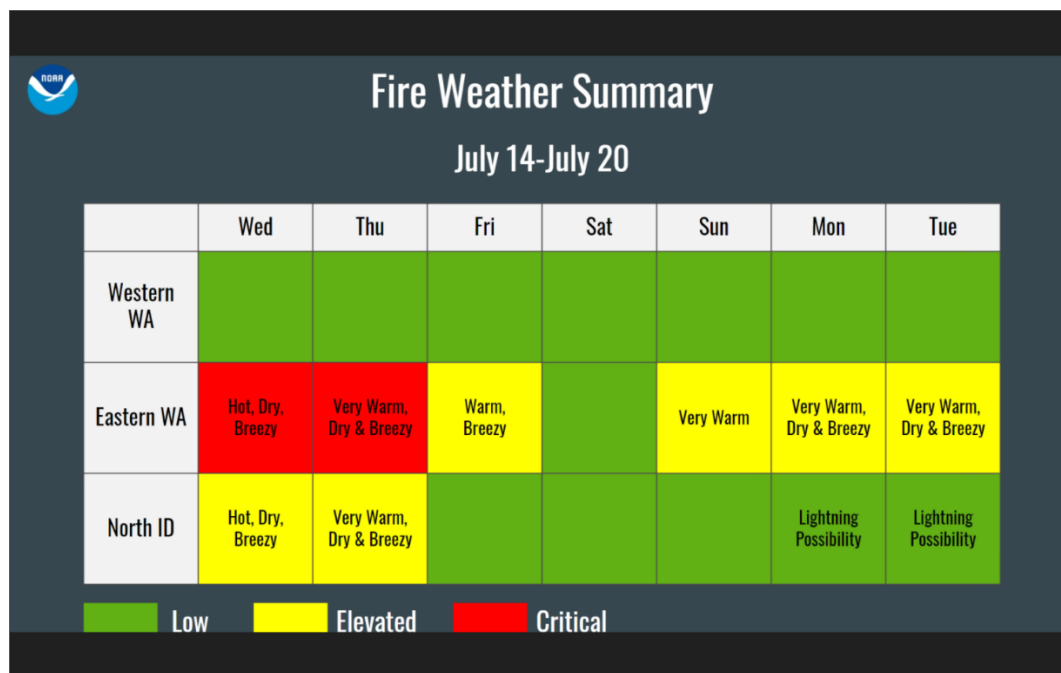
**Red Flag Warning continues through 2300 hrs Thursday for lower elevations east of the Cascade Crest**

Fire weather concerns continue to be confined to the east side.

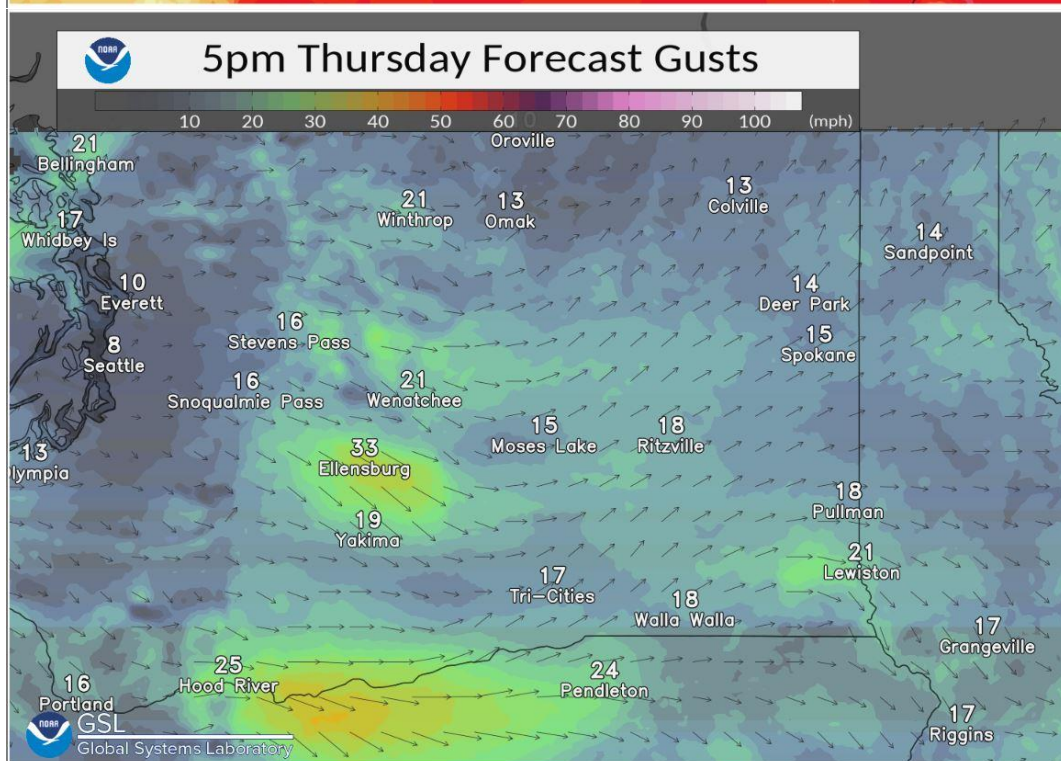
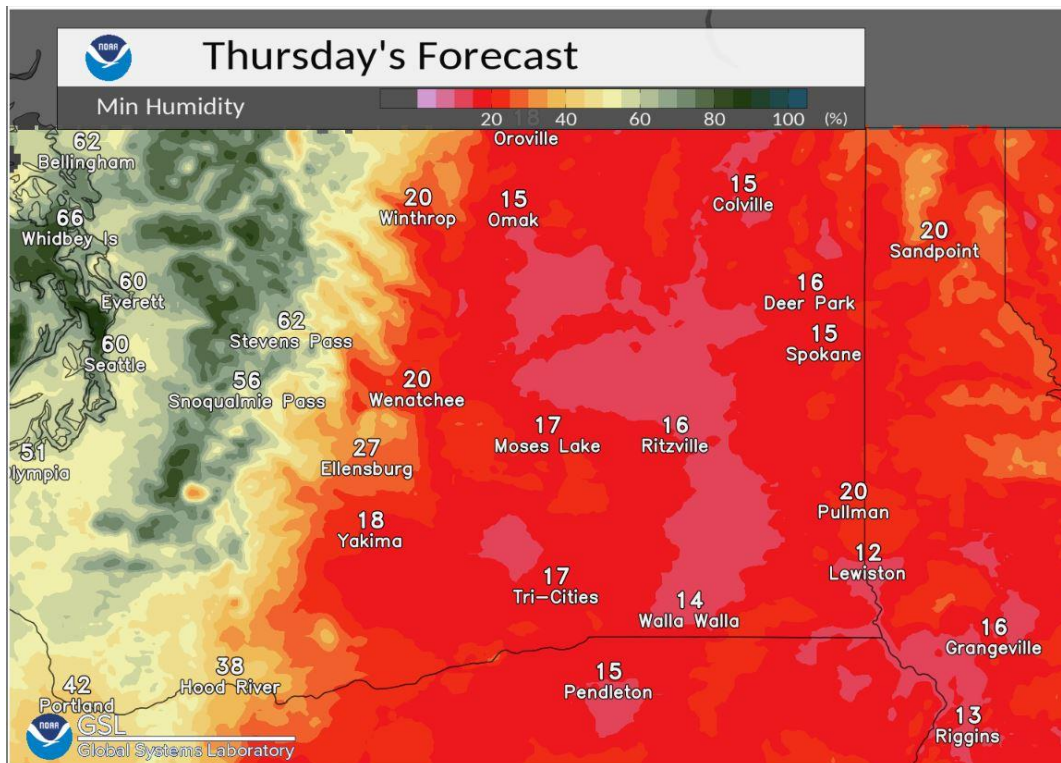
Thursday will see gusty southwest to west post-frontal winds expand northward to include the remaining basin. Temperatures and humidity will have moderated closer to normal by then, but will still be problematic given previous fuel drying.

Friday will be the coolest day with most locations seeing temperatures near normal for the first time in several weeks. Saturday and Sunday will see more of a southerly flow aloft over the state with eastside temperatures returning to the upper 80s to upper 90s by Sunday and mid-70s to mid-80s west side. The Olympics and north Cascade west slopes could receive some rain Friday and/or Saturday, but amounts appear rather insignificant and certainly less than 0.25" wetting amounts.

Early next week could prove a particularly interesting time to watch as an unusually strong upper ridge builds north and will be centered over the heart of the Rockies. As of this morning, it's a coin flip if some monsoonal moisture will get entrained in the southerly flow to bring elevated thunderstorms to the PacNW. Today's data shows some threat for eastern Washington Tuesday into Wednesday. Regardless, surface conditions will be unstable to promote ventilation as early as Sunday through early next week, regardless of the upper level moisture possibilities. Stay tuned as details will matter and likely not get refined until over the weekend.







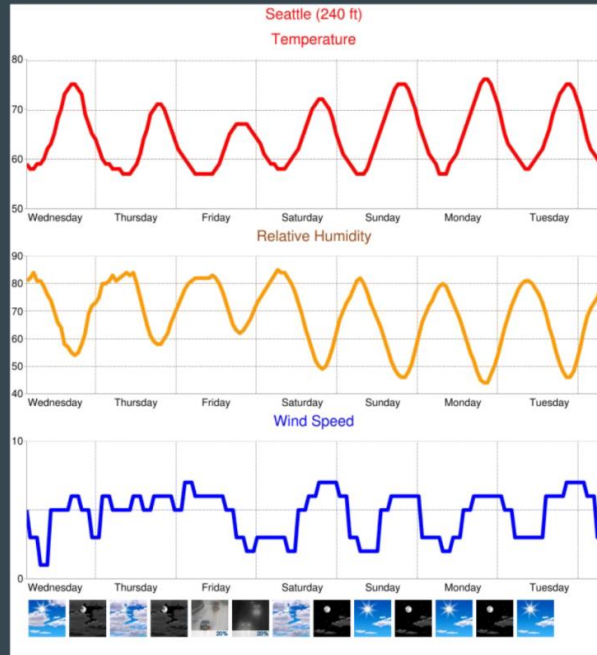


## Seattle: 7 Day

Continued onshore flow at the surface will keep conditions from reaching critical thresholds.

Temps expected to be a little below normal Thu & Fri, near or slightly above normal rest of the week.

Dissipating cold front may allow for a slight chance of drizzle/showers Friday

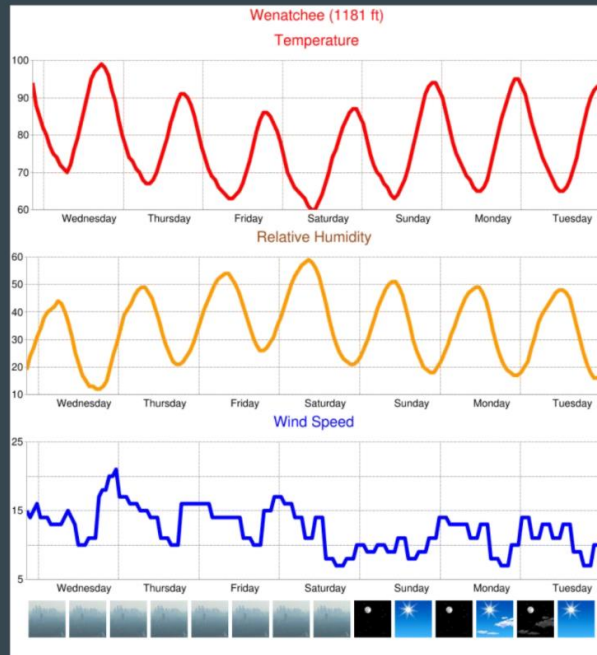


## Wenatchee: 7 Day

Red Flag Warning: WED - THU  
-Wind and RH

Temperatures near average FRI/SAT

Mid July Average: Hi 87 Low 61





## Spokane: 7 Day

Red Flag Warning: WED - THU  
-Wind and RH

Temperatures near average FRI/SAT

Drier today, breezier Thursday

Mid July Average: Hi 84 Low 57

